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## DECLARATION FOR PATENT APPLICATION

Docket Number (Optional)  
U/17957-0022BAs a Feb 28 1997 named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TREE-BASED CERTIFICATE REVOCATION SYSTEM**

the specification of which (check one)

☐ is attached hereto☒ was filed on November 1, 1996 as United States Application Number 08/741,601.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

☐ Yes ☐ No                                                                
(Number) (Country) (Day/Month/Year Filed)☐ Yes ☐ No                                                                
(Number) (Country) (Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States Provisional application(s) listed below.

60/006,143 November 2, 1995  
(Application Number) (Filing Date)                                           
(Application Number) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

                                                                
(Application Number) (Filing Date) (Status - patented, pending, abandoned)                                                                
(Application Number) (Filing Date) (Status - patented, pending, abandoned)

I hereby appoint Charles H. Cella, Reg. No. 38,099; John C. Gorecki, Reg. No. 38,471; and Donald W. Muirhead, Reg. No. 33,928 as attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

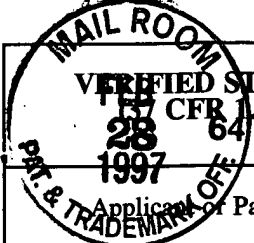
Address all telephone calls to Donald W. Muirhead at telephone number (617)832-1257.

Address all correspondence to:

Patent Group  
Foley, Hoag & Eliot LLP  
One Post Office Square  
Boston, Ma. 02109-2470

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole (given name, family name) Silvio MicaliInventor's signature [Signature] Date February 24, 1997Residence 459 Chestnut Hill Avenue, Brookline, MA 02146 Citizenship United StatesPost Office Address SAME



**VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS**  
**37 CFR 1.9(f) & 1.27(b)—INDEPENDENT INVENTOR**

Docket Number (Optional)

U/17957-0022B

Applicant or Patentee: Silvio Micali

Serial or Patent No.: 08/741,601

Filed or Issued: November 1, 1996

Title: TREE-BASED CERTIFICATE REVOCATION SYSTEM

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

- ☐ the specification filed herewith with title as listed above.
- ☒ the application identified above.
- ☐ the patent identified above.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ No such person, concern, or organization exists.
- ☐ Each such person, concern or organization is listed below.

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Silvio Micali  
NAME OF INVENTOR

[Signature]  
Signature of Inventor

February 24, 1997  
Date